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## INTERNATIONAL SEARCH REPORT

In International Application No  
PCT/IB 02/02292A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B66B11/02 B66B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B66B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 985 628 A (TOKYO SHIBAURA ELECTRIC CO) 15 March 2000 (2000-03-15) abstract; figures	1
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 128433 A (MITSUBISHI ELECTRIC CORP), 9 May 2002 (2002-05-09) abstract	2
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 341950 A (MITSUBISHI ELECTRIC CORP), 11 December 2001 (2001-12-11) abstract; figures	2

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the International search

4 March 2003

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11/03/2003

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Information on patent family members

International Application No  
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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0985628	A 15-03-2000	JP 2000143125 A		23-05-2000
		CN 1246437 A		08-03-2000
		EP 0985628 A2		15-03-2000
		KR 2000022841 A		25-04-2000
		TW 446680 B		21-07-2001
JP 2002128433	A 09-05-2002	NONE		
JP 2001341950	A 11-12-2001	NONE		